

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-226. (canceled)

Claim 227 (currently amended): An electrically operable system for use with plural containers of alcoholic beverage ~~said container preferably a bottle~~, the system comprising :-

a computer,

and

~~a) at least first and second storage locations each arranged to store at least one said container; and b) a first output signal user associateable with the first storage location preferentially to the second storage location, said first output signal facilitating user interaction with the first storage location and said first output signal electronically switchable between an inactive state and at least one active state; and c) a second output signal user associateable with the second storage location preferentially to the first storage location, said second output signal facilitating user interaction with the second storage location and said second output signal electronically switchable between an inactive state and at least one active state; and d)~~

computer accessible memory,

~~arranged to store information pertaining to at least one beverage container and or beverage container contents, the stored information preferably usable by a computer in facilitating automated operation of one at least output signals; the system further arranged for activating and or inactivating the: first output signal preferentially to the second output signal, and or second output signal preferentially to the first output signal and or first and second output signal concurrently~~

and

a plurality of storage locations operatively coupled to the computer, each location for storing at least one container of alcoholic beverage and each container of alcoholic beverage identifiable by one at least characteristics.

wherein:

said characteristics include one at least of: name, beverage type, beverage subtype, beverage variety, brand, beverage producer, beverage vineyard or container ID,
and
at least two containers distinct from each other by one at least said characteristics are for storage at distinct storage locations from each other;
and
the computer controlled selective indication of one at least said storage locations from at least one other said storage locations by the activation of a visible indicator proximal to the selected location compared to one at least of the adjacent storage locations.
and
an input for receiving information facilitating the computer determining one at least storage locations for said selective indication from a plurality of vacant locations.
and
activation of the indicator is a response to a requirement for the computer to indicate by said activation one at least said storage locations for placement of a container of alcoholic beverage.

Claim 228 (currently amended): The electrically operable system of claim 227 wherein the plural containers of alcoholic beverage comprise bottles of wine and said storage locations are arranged:
a) as an array of vertically and horizontally extending receptacles each for storing a bottle of wine in a predominantly horizontal orientation.
and
b) for the computer controlled automated reading of identifying information from a particular bottle at one at least of the receptacles.
and
c) for associating the read ID with an electrically operable device for selectively highlighting the receptacle storing the bottle coupled to said ID.
-as a wine cellar.

Claim 229 (canceled)

Claim 230 (currently amended): The electrically operable system of claim 227 further arranged to be responsive to one at least of:

- a) voice;
- b) user selection of information from an electronic display;
- c) use of a touch sensitive device.

Claims 231 - 234 (Canceled)

Claim 235 (currently amended) The electrically operable system of claim 234 228 wherein the activated output signal selective highlighting comprises one at least of visible light:

- i) visible light emitted from the associated storage location; and/or
- ii) visible light arranged to illuminate part at least of the opening of and or area surrounding the opening of the associated storage location preferentially to the opening and or area surrounding the opening of at least one other storage location.

Claims 236 -244 (canceled)

Claim 245 (Currently amended): The electrically operable system of claim 227 wherein user access to remove a stored container from and or to place a container to a storage location is restricted by an electrically operable barrier and preferably wherein said barrier is opened in response to electrically readable information provided by an authorized user.

Claims 246 - 265 (canceled)

Claim 266 (currently amended): An electrically operable device for use with a portable container arranged to receive a consumable ingredient, said ingredient preferably including a beverage, wherein said device is responsive to information related to the amount of ingredient for adding to the container, and arranged to activate a visible and or audible output signal related to a level to which to add said ingredient in the container; and preferably wherein the output signal includes one at least of electronically controlled: i) sound and or visual signal activated in response to a weight of ingredient added to the container; ii) sound and or visual signal activated in response to a pressure exerted by a fluid in the container; iii) sound and or visual signal activated in response to an automatically detected level of ingredient in the container; iv) visible indicator located within the container; v) visible indicator attached to or embedded in the wall of the container; vi) visible indicator proximal to the outside of the container preferably arranged to be viewable through the wall of the container said device including

one at least electronic components, said container for receiving at least two consumable ingredients for use in preparing a mixture, each ingredient from their respective storage containers, wherein:

a) the device:

i) responds to information related to the amount of the first and second ingredients for use in preparing a mixture,

and

ii) is operatively coupled to computer readable memory for storing information related to one at least of the:

mixture,

receiving container,

and

iii) facilitates measurement of the two ingredients by providing: a signal for measuring the amount of the first ingredient and a signal for measuring the amount of the second ingredient;

and

b) the first added of the two ingredients is for said measuring in the receiving container after transfer from the associated storage container;

and

c) the second added of the two ingredient is for said measuring in the receiving container after transfer from the associated storage container, said second added measuring while the receiving container stores the first added ingredient.

Claim 267 (currently amended): A system comprising a computer and an electrically operable display attached to or arranged for attachment to a beverage drinking container, preferably wherein the container includes a glass, mug or cup wherein said display is arranged to provide one at least of:

a) vertically extending and separately controllable pixels, wherein:

pixels at a first vertical position are for association with a level for adding one of the beverage ingredients for a mixed beverage and pixels at a second vertical position located above the first position are for association with a level for adding another beverage ingredient for the mixture,

and

the level for the second of the two ingredients is dependent on the amount of the first of the two ingredients already in the container;

b) the result of a game of chance received by wireless;

c) result of a sporting game received by wireless.

Claim 268 (currently amended): A ~~The~~ system comprising a computer and an electrically operable display of claim 267 further comprising ~~electronics attached to the beverage container for~~ one at least of: a visible output signal facilitating preparation of a mixed alcoholic drink; electronically output information related to a cocktail, and or cocktail ingredients and or cocktail mixing instructions; electronically output identifying information related to the consumer of a beverage in said container, and or the cumulative amount of alcohol consumed by said consumer, and or the alcohol content of a beverage presently stored in the container; temperature of a beverage stored in the container; electronically generated advertisement; electronically output result of a game of chance and or sporting game; an arrangement to electronically

a) a user to place a bet, and or

b) a user to receive winnings.

Claim 269 (New): The electrically operable device of claim 266 wherein the signal for one at least of:

a) the first added ingredient comprises a visible indicator proximal to the receiving container, said indicator at a computer determined vertical position related to a level in the receiving container for the first added ingredient;

b) the second added ingredient comprises a visible indicator proximal to the receiving container, said indicator at a computer determined vertical position related to a level in the receiving container for the second added ingredient, said vertical position for the second added ingredient higher than the vertical position for the first added ingredient.

Claim 270 (New): The electrically operable device of claim 269 wherein said visible indicator differentially illuminates, approximately at least, said level from a higher level of the container.

Claim 271 (New): The electrically operable device of claim 269 wherein said visible indicator comprises one at least of:

a) an indicator located within the receiving container,

- b) attached to the wall of the container,
- c) embedded in the wall of the container,
- d) proximal to the outside of the container.

Claim 272 (New): The electrically operable device of claim 266 wherein said measuring includes a length of vertically ascending separately illuminable pixels and pixels for measuring the second added ingredient are vertically higher than those for measuring the first added ingredient.

Claim 273 (New): The electrically operable device of claim 266 wherein the receiving container related information includes one at least of:

- a) container dimension related information;
- b) container shape related information;
- c) container ID.

Claim 274 (New): The electrically operable device of claim 266 wherein a measurement for the second added ingredient is dependent on a measurement for the first added ingredient.

Claim 275 (New): The electrically operable device of claim 266 wherein a measurement for one of the ingredients is dependent on whether it is the first added ingredient or the second added ingredient.

Claim 276 (New): The electrically operable device of claim 266 wherein said measuring includes determining one at least of:

- a) weight of at least the combined first and second ingredient,
- b) a pressure exerted by at least the combined first and second ingredient;
- c) automatically detected level of at least the combined first and second ingredient.

Claim 277 (New): The electrically operable device of claim 276 wherein a user audible or visible signal indicates when a predetermined said weight, pressure or level is reached.

Claim 278 (New): The electrically operable device of claim 266 further arranged for one at least of:

- a) determining the proximal presence or absence of the storage container for one at least of: i) the first ingredient, ii) the second ingredient;
- b) reading an ID from the receiving container;

c) receiving user determined information.

Claim 279 (New): The electrically operable device of claim 278 wherein said received includes one at least of:

- a) voice input,
- b) information user selected from an electronic display,
- c) information selected using a touch sensitive input,

Claim 280 (New): The electrically operable device of claim 266 wherein said signal facilitates a user determining to stop adding an ingredient to the receiving container.

Claim 281 (New): The electrically operable device of claim 266 wherein the portable container is a drinking glass or a cocktail shaker.

Claim 282 (New): The electrically operable device of claim 266 wherein further coupled by wireless and or wire to electronics for selectively highlighting a storage containers of alcoholic beverage from a plurality of other storage containers of alcoholic beverage, wherein the beverage of the selectively highlighted storage container is for transfer to the receiving container.

Claim 283 (New) :The electrically operable device of claim 282 wherein said selective highlighting is facilitated by computer processing of stored information related to one at least of type or amount of an alcoholic beverage in the mixture.

Claim 284 (New): The electrically operable device of claim 282 wherein identifying information attached said storage containers is for computer controlled automated reading from said container while stored at one of said plurality of locations.

Claim 285 (New): The electrically operable device of claim 282 wherein said selective highlighting comprises the selective illumination of that proximal to the storage container from one at least adjacent storage locations.

Claim 286 (New): The electrically operable device of claim 266 wherein the device comprises a plurality of components coupled by one at least of wireless or wired.

Claim 287 (New): The system comprising a computer and an electrically operable display of claim 267 wherein the display is attached to and conforms to the shape of a wall of the beverage container.

Claim 288 (New): The system comprising a computer and an electrically operable display of claim 267 wherein the display comprises an OLED of a plurality of pixels along the x axis and along the y axis.

Claim 289 (New): The system comprising a computer and an electrically operable display of claim 288 wherein the display is bonded to at least one of the surfaces of the container wall.

Claim 290 (New): The system comprising a computer and an electrically operable display of claim 288 wherein the display is fabricated within the inner and outer surface of a wall of the container.

Claim 291 (New): The system comprising a computer and an electrically operable display of claim 267 wherein the beverage container is a drinking glass or cocktail shaker.

Claim 292 (New): The system comprising a computer and an electrically operable display of claim 267 further coupled by wireless and or wire to electronics for selectively highlighting one at least storage containers of alcoholic beverage from a plurality of other storage containers of alcoholic beverage, wherein the beverage of the selectively highlighted storage container is for transfer to the system beverage container.

Claim 293 (New): The electrically operable device of claim 292 wherein said selective highlighting comprises the selective illumination of that proximal to the storage container from one at least adjacent storage locations.

Claim 294 (New): The electrically operable system of claim 227 wherein said activation depends on one at least of:

- a) electrically operable reading of at least one said characteristic from the container prior to said placement;
- b) computer processing of information related to a particular person.

Claim 295 (New): The electrically operable system of claim 227 wherein said activation depends on:

- a) user determination of one at least parameters for use as said received information prior to said placement,
and
- b) said received information is processed to determine one at least storage locations for selective indication adjacent to one at least other storage locations that share one at least said parameters.

Claim 296 (New): The electrically operable system of claim 295 wherein said shared parameters comprise one at least of:

- a) related to a particular person,
- b) time the container is for storage,
- c) type of alcoholic beverage,
- d) variety of alcoholic beverage,
- e) vintage of alcoholic beverage,
- f) brand of alcoholic beverage,
- g) one at least particular storage locations,
- h) time the container is for rotation around its long axis.

Claim 297 (New): The electrically operable system of claim 227 further arranged for receiving one at least constraints affecting said selective indication of one at least storage locations.

Claim 298 (New): The electrically operable system of claim 297 wherein said constraints are one at least of:

- a) dynamically modified based on one at least of:
 - i) available resources;
 - ii) patterns of insertion of at least one container of alcoholic beverage;
 - iii) patterns of removal of at least one container of alcoholic beverage;
 - iv) location of insertion of at least one container of alcoholic beverage;
 - v) location of insertion of at least one container of alcoholic beverage;
 - vi) a preference input by a user;
- b) user programmable.

Claim 299 (New): The electrically operable system of claim 297 wherein said constraints comprise one at least of:

- a) related to a particular person,
- b) time the container is for storage,
- c) type of alcoholic beverage,
- d) variety of alcoholic beverage,
- e) vintage of alcoholic beverage,
- f) brand of alcoholic beverage,
- g) one at least particular storage locations,
- h) time the container is for rotation around its long axis.

Claim 300 (New): The electrically operable system of claim 227 further arranged for storing information related to the spatial arrangement of at least one said plurality of storage locations relative to at least one other of said plurality of storage locations.

33 Claim 301 (New): The electrically operable system of claim 300 further arranged to automatically determine the spatial arrangement of one at least of:

- a) added storage locations
- b) current storage locations.

Claim 302 (New): The electrically operable system of claim 227 further arranged for storing information related to the dimensions of at least one of said containers of alcoholic beverage and for relating this information to one at least of:

- a) information related to the dimensions of one at least said plurality of storage locations;
- b) spatial arrangement of one at least said plurality of storage locations relative to at least one other of said plurality of storage locations.

Claim 303 (New): The electrically operable system of claim 227 further comprising an electronic display of a plurality of horizontally and vertically arranged pixels for showing a graphical representation of the spatial relationship of one at least of said plurality of storage locations from at least one other of said plurality.

Claim 304 (New): The electrically operable system of claim 303 wherein said representation of a

storage location is proximately coupled to information about said characteristics for a container at the storage location.

Claim 305 (New): The electrically operable system of claim 227 further arranged for the computer controlled automated reading of identifying information from a container stored at one of said plurality of storage locations.

Claim 306 (New): The electrically operable system of claim 305 further arranged to automatically associate the read identifying information with information for causing the selective indication of the storage location for said container.

Claim 307 (New): The electrically operable system of claim 305 further arranged to automatically associate information for causing the selective indication of the storage location for the container with part at least of said characteristics information for the container.

Claim 308 (New): The electrically operable system of claim 227 wherein said containers are sealed containers.

Claim 309 (New): The electrically operable system of claim 227 wherein the containers are manually placed at a storage location and manually removed from the storage location for subsequent use.

Claim 310 (New): The electrically operable system of claim 227 further arranged to respond to an electrically operable device that includes a mobile telephone.

Claim 311 (New): The electrically operable system of claim 227 wherein said activation is for indicating the return location of the container previously removed in response to the selective highlighting of said container by proximal illumination from one at least adjacent containers.

Claim 312 (New): The electrically operable system of claim 311 wherein said removal is for adding the stored ingredient to a container for preparing a mixed beverage that includes said ingredient.

Claim 313 (New): The electrically operable system of claim 227 wherein said requirement for the computer to activate the indicator is a result of computer controlled rearranging of the location of a

Application Number 10/598,833
Amtd. Dated January 20th 2010
Reply to Office Action of July 20 2009
stored container.

Claim 314 (New): An electrically operable system for use with plural containers of alcoholic beverage, the system comprising :-

a computer,

and

memory storage accessible by the computer,

and

a plurality of storage locations operatively coupled to the computer, each location for storing at least one container of alcoholic beverage and each container of alcoholic beverage identifiable by one at least characteristics,

wherein:

said characteristics include one at least of: name, beverage type, beverage subtype, beverage variety, brand, beverage producer, beverage vineyard or container ID,

and

at least two containers distinct from each other by one at least said characteristics are for storage at distinct storage locations from each other;

and

the computer controlled selective indication of one at least said storage locations from at least one other said storage locations by the activation of a visible indicator proximal to the selected location compared to one at least of the adjacent storage locations,

and

an input for receiving information facilitating the computer determining one at least storage locations for said selective indication,

and

activation of the indicator is a response to a requirement for the computer to indicate by said activation one at least said storage locations presently storing a container of alcoholic beverage, wherein computer determination of said storage locations depends on user determination of at least one said characteristic for use as said received information.

Claim 315 (New): The electrically operable system of claim 314 further arranged for the computer controlled automated reading of identifying information from a container when the container is stored at one of the storage locations.

Claim 317 (New): The electrically operable system of claim 315 further arranged for automatically associating the read identifying information with information for causing the selective indication of the storage location for said container.

Claim 318 (New): The electrically operable system of claim 314 further arranged to automatically associate information for causing the selective indication of the storage location for the container with part at least of said characteristics information for the container.

Claim 319 (New): The electrically operable system of claim 320 further arranged for concurrent use by a plurality of persons including at least a first and second person, said use including:

activation of a first said indicator distinctly targeted for the first said person from the second person,

and

activation of a second said indicator distinctly targeted for the second person from the first person.

Claim 320 (New): The electrically operable system of claim 319 wherein said distinct targeting includes use of a first color for the first person and a second color for the second person, wherein the first color is different from the second color.

Claim 321 (New): The electrically operable system of claim 319 further arranged for a user to determine their distinct signal.

Claim 322 (New): The electrically operable system of claim 314 further arranged for concurrent preparation of a plurality of mixed alcoholic beverages, said preparation including: activation of the first indicator for distinct association with the first mixed beverage from the second mixed beverage and activation of the second indicator for distinct association with the second mixed beverage from the first mixed beverage.

Claim 323 (New): The electrically operable system of claim 322 further arranged for a user to determine which distinct signal is associated with which mixed beverage.

Claim 324 (New): The electrically operable system of claim 314 further arranged for concurrent activation of a plurality indicators for selectively indicating a group of storage locations each storing a common said characteristic with other members of the group.

Claim 325 (New): The electrically operable system of claim 314 further arranged for concurrent activation of a plurality of indicators for selectively indicating a plurality of storage locations wherein:

- a) a first of said indicated plurality stores a container with a said characteristic distinct from a container stored at a second of said indicated plurality,
and
- b) the indicator for the first storage location is associative with a distinct signal for distinguishing it from the indicator for the second storage location, said distinction apart from a difference in proximity of the two indicators.

Claim 326 (New): The electrically operable system of claim 325 wherein the first indicator is distinguished from the second indicator by one at least of a difference in:

- a) color,
- b) intensity,
- c) flash rate.

Claim 337 (New): The electrically operable system of claim 314 further comprising a section indicator wherein activation of the section indicator is dependent on one at least associated containers matching part at least of said received information characteristics.

Claim 338 (New): The electrically operable system of claim 314 wherein said requirement for the computer to activate the indicator is a result of computer controlled rearranging of the location of a stored container.

Claim 339 (New): The electrically operable system of claim 314 wherein said containers are sealed containers.

Claim 340 (New): The electrically operable system of claim 314 wherein the containers are manually placed at a storage location and manually removed from the storage location for subsequent use.

Claim 341 (New): The electrically operable system of claim 314 further arranged to respond to an electrically operable device that includes a mobile telephone.

Claim 342 (New): The electrically operable system of claim 314 further comprising a plural resolution means.

Claim 343 (New): The electrically operable system of claim 314 further arranged for storing information related to the spatial arrangement of at least one said plurality of storage locations relative to at least one other of said plurality of storage locations.

Claim 344 (New): The electrically operable system of claim 343 further arranged to automatically determine the spatial arrangement of one at least of:

- a) added storage locations
- b) current storage locations.

Claim 345 (New): The electrically operable system of claim 314 further arranged for storing information information related to the dimensions of at least one of said containers of alcoholic beverage and for relating this information to one at least of:

- a) information related to the dimensions of one at least said plurality of storage locations;
- b) spatial arrangement of one at least said plurality of storage locations relative to at least one other of said plurality of storage locations.

Claim 346 (New): The electrically operable system of claim 314 further comprising an electronic display of a plurality of horizontally and vertically arranged pixels for showing a graphical representation of the spatial relationship of one at least of said plurality of storage locations from at least one other of said plurality.

Claim 347 (New): The electrically operable system of claim 346 wherein said representation of a storage location is proximately coupled to information about said characteristics for a container at the storage location.

Claim 348 (new): The electrically operable system of claim 314 wherein the plural containers of alcoholic beverage comprise bottles of wine and said storage locations are arranged:

- a) as an array of vertically and horizontally extending receptacles each for storing a bottle of wine in a predominantly horizontal orientation,
and
- b) for the computer controlled automated reading of identifying information from a particular bottle at one at least of the receptacles,
and
- c) for associating the read ID with an electrically operable device for selectively highlighting the receptacle storing the bottle coupled to said ID.